



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5085

SERIAL NUMBER 10/694,926	FILING DATE 10/27/2003  RULE	CLASS 175	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. DCI-6CIP1D3
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

## APPLICANTS

Guenter W. Brune, Bellevue, WA;

Peter H. Hambling, Bellevue, WA;  
 John E. Mercer, Kent, WA; Lloyd A. Moore, Renton, WA;  
 Shiu S. Ng, Kirkland, WA;  
 Rudolf Zeller, Seattle, WA;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a DIV of 10/353,718 01/28/2003 PAT 6,668,944 ✓  
 which is a CON of 10/039,971 10/25/2001 PAT 6,536,538 ✓  
 which is a CON of 09/845,238 04/30/2001 PAT 6,364,035 ✓  
 which is a CON of 09/324,221 06/01/1999 PAT 6,250,402 ✓  
 which is a CIP of 08/835,834 04/16/1997 PAT 6,035,951 ✓

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *none*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\* SMALL ENTITY \*\*

\*\* 01/27/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY WA	SHEETS DRAWING 9	TOTAL CLAIMS 26	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <i>Matthew Amick ms</i> Examiner's Signature Initials				

## ADDRESS

21833  
 PRITZKAU PATENT GROUP, LLC  
 993 GAPTER ROAD  
 BOULDER, CO  
 80303

## TITLE

*Method of* Establishing positions of locating field detectors and path mapping in underground boring tool applications

<input type="checkbox"/> All Fees
<input type="checkbox"/> 1.16 Fees ( Filing )